

Climate Action Team

Overview and Background

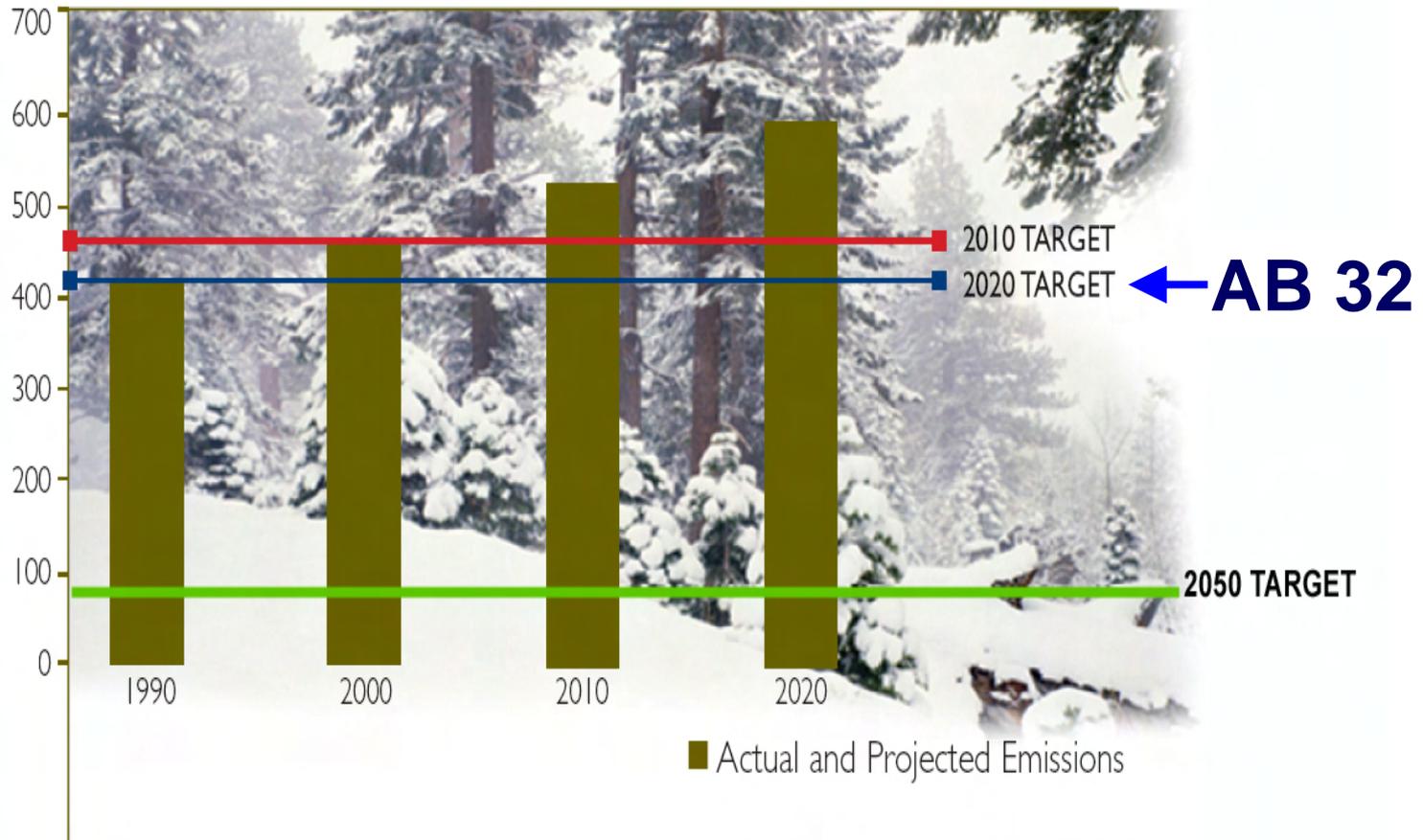
Andrew Altevogt, PhD.

California Environmental Protection Agency

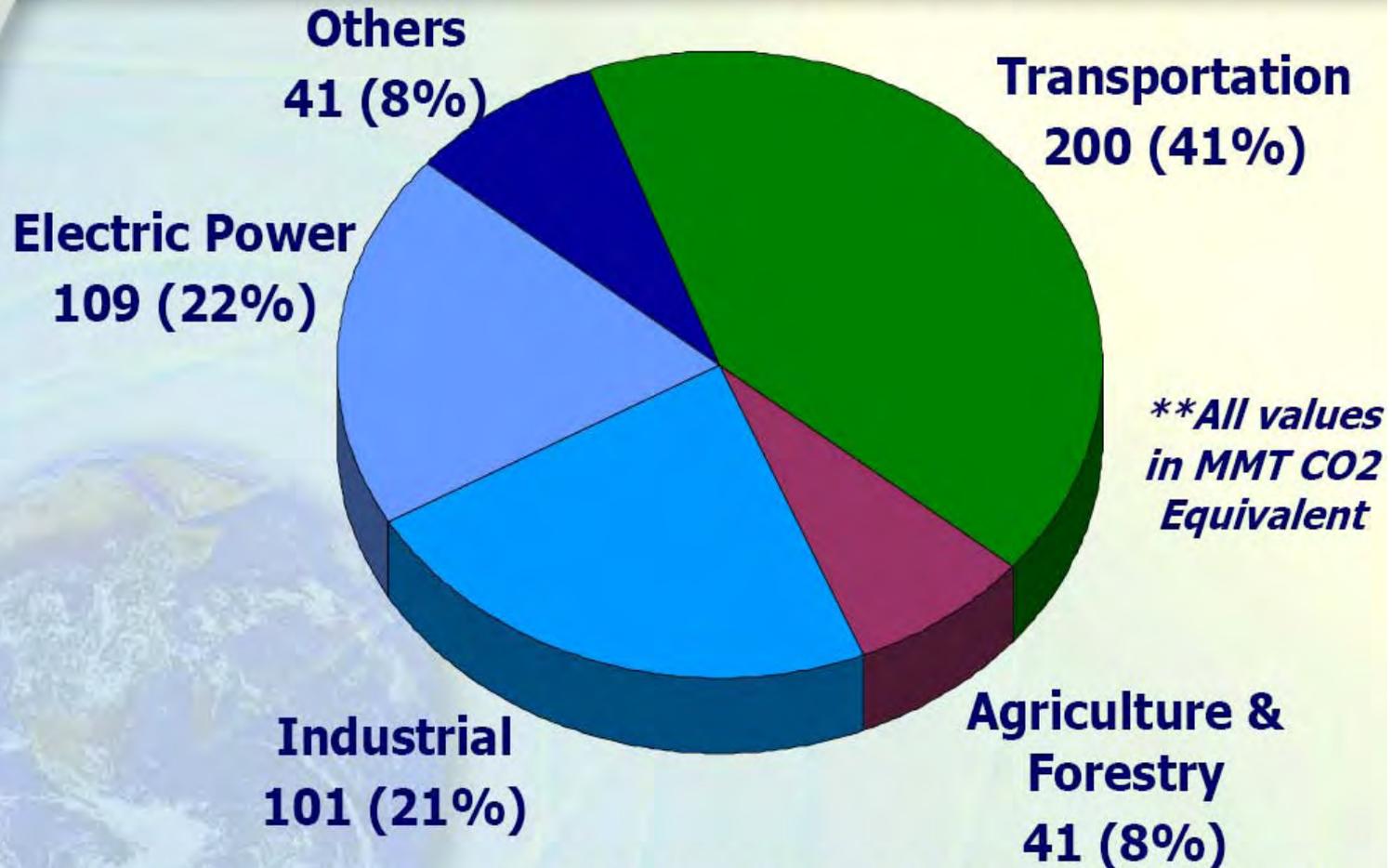
Background on Climate Action Team

-  Created in response to Executive Order S-3-05
-  Responsibility under Global Warming Solutions Act of 2006 for coordinating climate policy across state government
-  Members: SCSA, BTH, CDFA, CEC, CDF, DWR, ARB, IWMB, PUC
 -  Coordinated by Secretary Adams of Cal/EPA
-  2006 Report
 -  Outlined over 40 strategies for reducing GHG emissions
 -  Emission Reductions of 60 MMTCO₂E by 2010 and 190 by 2020

CA Emission Reduction Targets

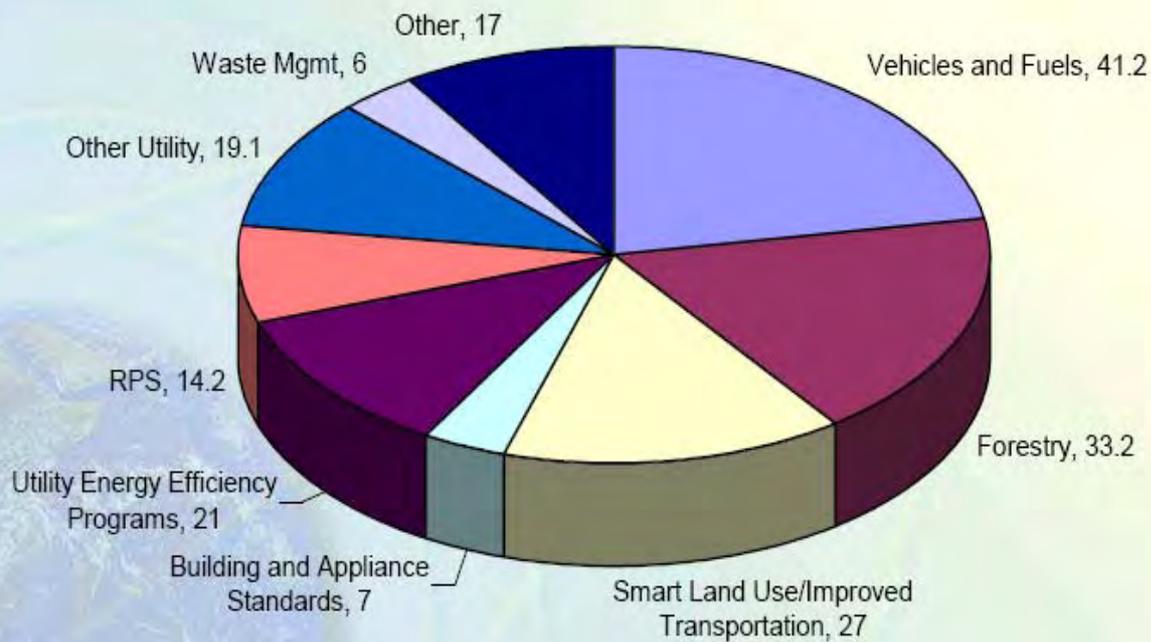


Sources of California's Climate Change Emissions in 2004



Source: California Energy Commission; Inventory of California Greenhouse Gas Emissions and Sinks: 1990 to 2004

Sources of Potential Reductions (Million Metric Tons CO2 Equivalent)



Source: March 2006 Climate Action Team Report

CAT – Scenario Analysis Group



Studies of the science of climate change by outside researchers



Impacts on natural and man made systems



Impacts on human health



Impacts on the economy



Adaptation to the effects of climate change

Proposed Research on Oceans and the Bay Delta



Impacts on the ocean and sea level rise



Moisture transport from Pacific to Western States



Climate and sea level scenarios



Water supply management



Costal impacts



Identification of Erosional “hotspots”



Vulnerability of the Bay Delta to inundation



Sea level rise in the SF Bay – cost of impacts and adaptation



Overall economic impacts



Shift in focus to Adaptation

CAT Local Government / Smart Growth Group

- Chaired By CEC Chairman Jackalyne Pfannenstiel
- Team of State Agencies involved in Land Use (CEC, Cal/EPA, ARB, Caltrans, HCD, IWMB, OPR, Water Board, PUC, CCAR)
- Oversee implementation of 2006 CAT strategies
- Develop Land Use strategies 2008 and beyond

CAT Local Government / Smart Growth Group

-  Examining the role of local governments in confronting climate change
-  Adaptation – What role do local governments and planning boards play
-  What tools can the state provide to assist
 -  Development of Toolkit
 -  Development of Local Govt. Protocol
-  Plan on holding meetings throughout the state to hear from varied groups
-  Focal point for state's Land Use and Local Govt. efforts

CAT Local Government / Smart Growth Group

- ❑ Local Government Toolkit
- ❑ Local Government Protocol
- ❑ Focal point for State's Land Use and Local Government efforts

Climate Action Team

Comments and questions:

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California Climate Change Portal:

<http://www.climatechange.ca.gov/>